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/Harry Lee/

Harry Lee

Applicant: ENDO, Yaeta et al.
 Serial No.: N/A (PCT/JP2004/018928)
 Filed: Herewith
 Confirmation No.: N/A
 Title: **HIGHLY FUNCTIONALIZED CELL EXTRACT FOR CELL-FREE PROTEIN SYNTHESIS AND METHOD FOR PREPARING THE SAME**
 Examiner: N/A
 Art Unit: N/A
 Attorney Docket No.: 20080-00002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

English Language Non-patent Documents:

KAWARASAKI et al., "PHOSPHATASE-IMMUNODEPLETED CELL-FREE PROTEIN SYNTHESIS SYSTEM," <i>Journal of Biotechnology</i> 61: 199-208 (1998)
KANG et al., "AN EFFICIENT CELL-FREE PROTEIN SYNTHESIS SYSTEM USING PERIPLASMIC PHOSPHATASE-REMOVED S30 EXTRACT," <i>Journal of Microbiological Methods</i> 43: 91-96 (2000)
MADIN et al., "A HIGHLY EFFICIENT AND ROBUST CELL-FREE PROTEIN SYNTHESIS SYSTEM PREPARED FROM WHEAT EMBRYOS: PLANTS APPARENTLY CONTAIN A SUICIDE SYSTEM DIRECTED AT RIBOSOMES," <i>PNAS</i> 97(2): 559-564 (2000)

Foreign Language Patent Document:

JP 2000-236896A (Sept. 5, 2000) with English Abstract

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

Also submitted herewith is a copy of the International Search Report from International Application No. PCT/JP2004/018928. Please note that all of the above-listed references have been cited in the International Search Report dated March 1, 2005.

The Commissioner is hereby authorized to charge JHK Law's Deposit Account No. 502486 for such fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. 502486.

Respectfully submitted,

June 15, 2006
Date

/Joseph Hyosuk Kim/
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	N/A (PCT/JP2004/018928)
Filing Date	Herewith
First Named Inventor	ENDO, Yaeta
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	20080-00002

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with WIPO 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's WIPO citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <http://www.uspto.gov> or WIPO 901.04. **Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. †Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ‡Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application Number	N/A (PCT/JP2004/018928)
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First Named Inventor	ENDO, Yaeta
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	20080-00002

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	KAWARASAKI et al., "PHOSPHATASE-IMMUNODEPLETED CELL-FREE PROTEIN SYNTHESIS SYSTEM," Journal of Biotechnology 61: 199-208 (1998)	
	C2	KANG et al., "AN EFFICIENT CELL-FREE PROTEIN SYNTHESIS SYSTEM USING PERIPLASMIC PHOSPHATASE-REMOVED S30 EXTRACT," Journal of Microbiological Methods 43: 91-96 (2000)	
	C3	MADIN et al., "A HIGHLY EFFICIENT AND ROBUST CELL-FREE PROTEIN SYNTHESIS SYSTEM PREPARED FROM WHEAT EMBRYOS: PLANTS APPARENTLY CONTAIN A SUICIDE SYSTEM DIRECTED AT RIBOSOMES," PNAS 97(2): 559-564 (2000)	

Examiner Signature	Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.